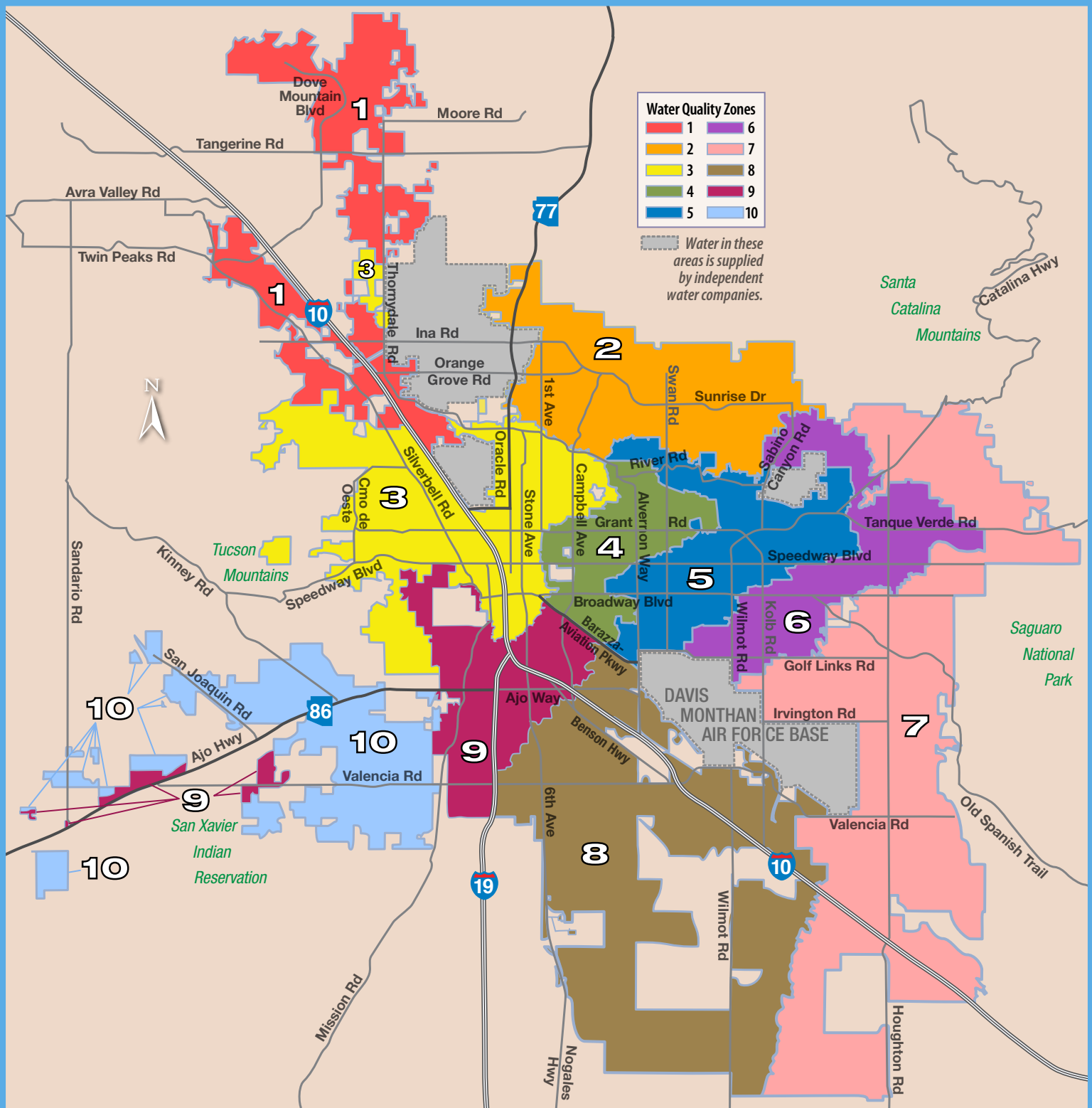


December 2018

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 390 square miles.

Main Water System



To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 390 square miles.

Main Water System

TEST RESULTS BY WATER QUALITY ZONE

Zones	Hardness (mg/L) 86 SP	Sodium (mg/L) 86 SP	Nitrate-N (mg/L) 86 SP	Fluoride (mg/L) 86 SP	pH Level (SU) 234 SP	Minerals (mg/L) 234 SP	Temperature (deg°F) 234 SP
1	158	52	1.33	0.40	7.8	405	73.3
2	233	64	0.95	0.43	7.8	477	71.4
3	237	66	0.99	0.45	7.8	495	72.7
4	219	61	0.65	0.36	7.6	405	70.8
5	197	55	1.03	0.34	7.6	422	69.3
6	198	53	1.56	0.36	7.7	434	70.0
7	199	54	1.24	0.38	7.8	418	69.1
8	238	60	1.55	0.46	7.5	479	69.8
9	259	66	1.08	0.43	7.5	504	68.8
10	229	65	0.84	0.35	7.5	483	66.5
Avg	217	59	1.14	0.40	7.7	452	70.1

Due to rounding, systemwide averages may vary. **mg/L** = milligrams per liter

1 mg/L = 1 teaspoon in 1,302 gallons **SU** = Standard Units **SP** = Sample Points **deg°F** = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (247 samples).....0

E. Coli positive results (247 samples)0

Follow-up assessment required?no



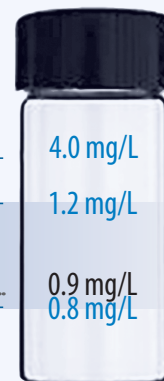
CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum _____

Utility Range _____

Results: (247 samples)

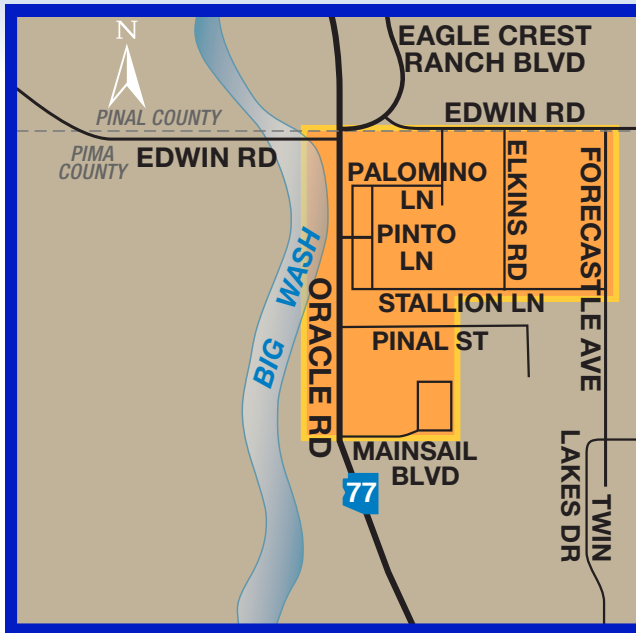


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Catalina Water System

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 people with water from two wells.



TEST RESULTS from up to 2 Sample Points (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 2 SP	Minerals (mg/L) 2 SP	Temperature (deg°F) 2 SP
86	24	0.47	0.54	8.0	177	67.4

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

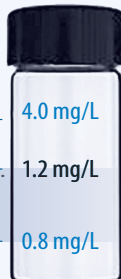
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (2 samples) 0
E. Coli positive results (2 samples) 0
Follow-up assessment required? no

CHLORINE LEVELS

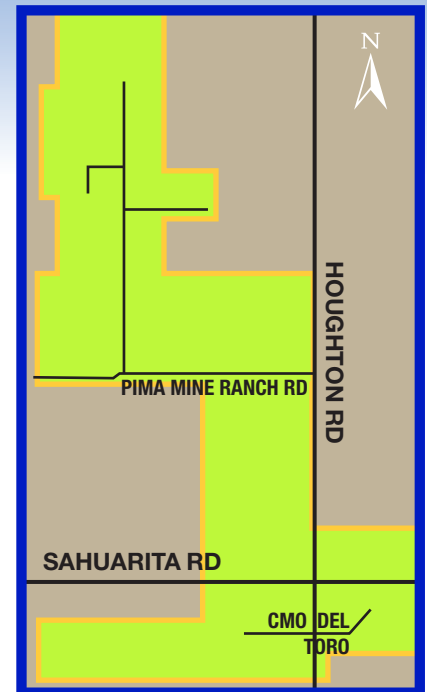
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum 4.0 mg/L
Results: (2 samples) 1.2 mg/L
Utility Range 0.8 mg/L



Corona de Tucson Water System

Corona de Tucson is a community near Sahuarita and Houghton roads, with about 2,600 connections supplying about 7,300 people with water from three wells.



TEST RESULTS from up to 10 Sample Points (SP)

Hardness (mg/L) 10 SP	Sodium (mg/L) 10 SP	Nitrate-N (mg/L) 10 SP	Fluoride (mg/L) 10 SP	pH Level (SU) 10 SP	Minerals (mg/L) 10 SP	Temperature (deg°F) 10 SP
149	45	1.37	0.53	7.6	311	64.1

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

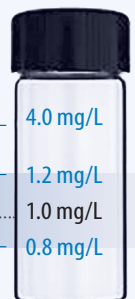
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (10 samples) 0
E. Coli positive results (10 samples) 0
Follow-up assessment required? no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum 4.0 mg/L
Utility Range 1.2 mg/L
Results: (10 samples) 1.0 mg/L
0.8 mg/L

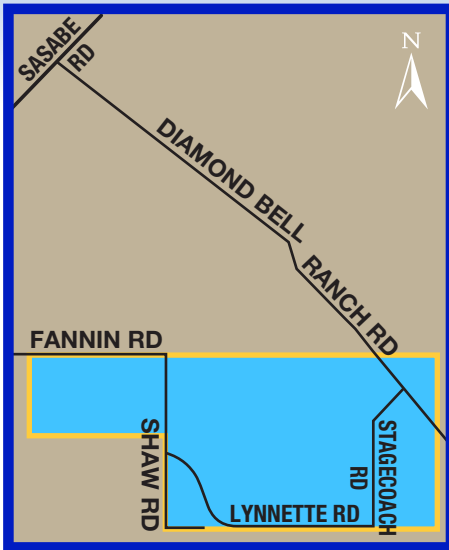


December 2018

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Diamond Bell Water System

Diamond Bell is a community south and east of Sasabe Road and Diamond Bell Ranch Road respectively, with about 200 connections supplying about 570 people with water from two wells.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
117	29	1.65	0.37	7.5	221	58.5

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

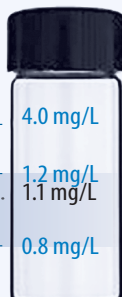
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

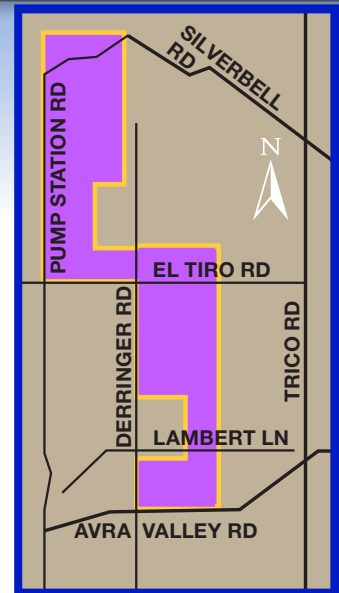
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Results: (1 sample)1.2 mg/L
Utility Range0.8 mg/L



Rancho del Sol Lindo & White Fence Farms Water System

Rancho del Sol Lindo is a community southwest of Silverbell and North Trico roads. Rancho del Sol Lindo has about 1,000 connections, supplying about 2,700 people with water from two wells.



TEST RESULTS from up to 3 Sample Points (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 3 SP	Minerals (mg/L) 3 SP	Temperature (deg°F) 3 SP
219	54	6.26	0.70	7.6	458	70.3

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

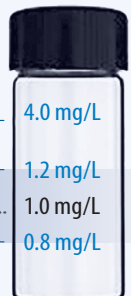
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (3 samples)0
E. Coli positive results (3 samples)0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range1.2 mg/L
Results: (3 samples)1.0 mg/L
0.8 mg/L

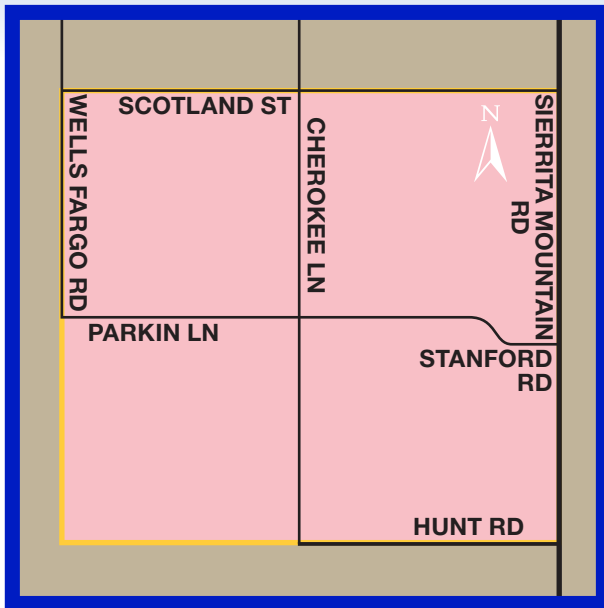


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Sierrita Foothills Water System

This is a small community by the Three Points area, with 30 connections supplying about 75 people from one well.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
94	38	1.70	0.49	7.6	219	64.4

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

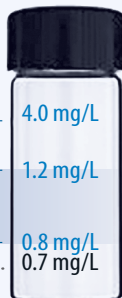
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

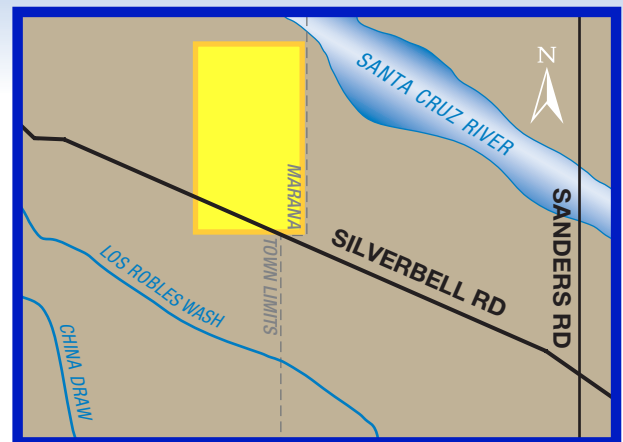
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range1.2 mg/L
Results: (1 sample)0.8 mg/L
0.7 mg/L



Silverbell West Water System

The Silverbell West system has 83 connections serving about 230 people from one well.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
291	79	4.42	0.50	7.4	585	67.6

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

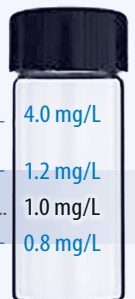
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range1.2 mg/L
Results: (1 sample)1.0 mg/L
0.8 mg/L

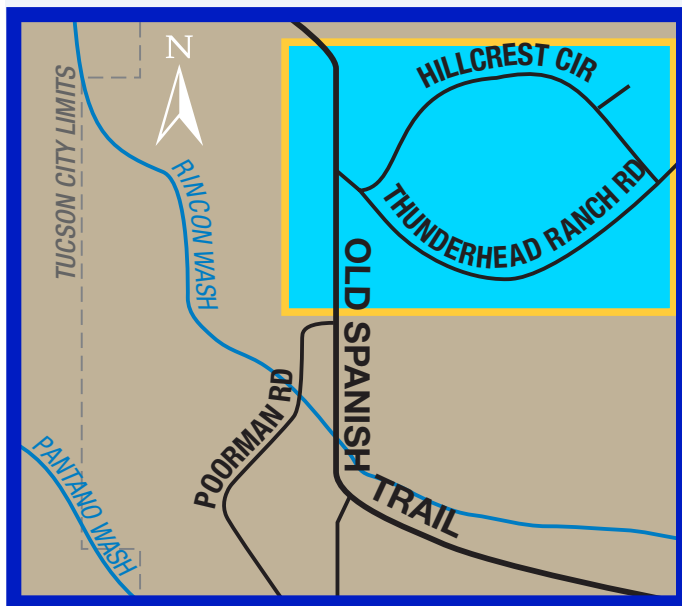


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Thunderhead Ranch Water System

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 people with water from two wells.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
75	13	0.96	0.20	7.6	136	64.6

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

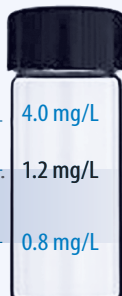
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

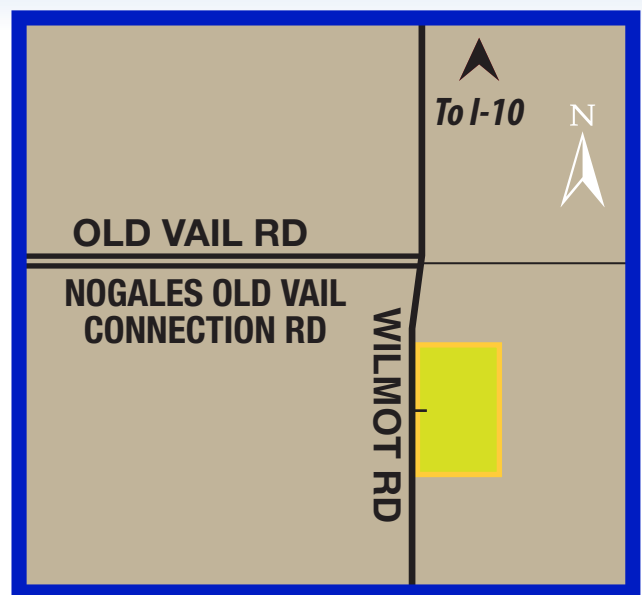
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Results: (1 sample).....1.2 mg/L
Utility Range0.8 mg/L



Tucson Police-Fire Academy Water System

The Police-Fire Academy, south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 people regularly, plus class members taught at this facility.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
194	43	0.80	0.36	7.3	355	72.0

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

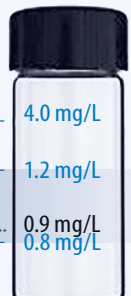
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range0.8 mg/L
Results: (1 sample).....0.9 mg/L

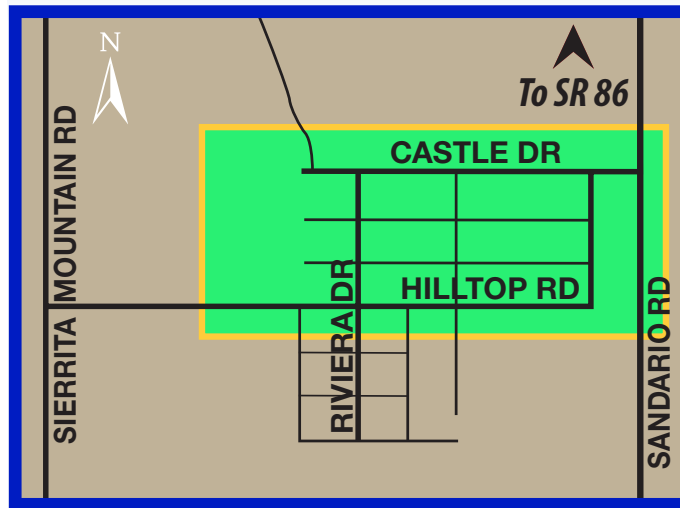


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Valley View Acres Water System

Valley View Acres is a small community north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
104	49	1.85	0.61	7.6	273	65.5

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample)..... 0
E. Coli positive results (1 sample) 0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum _____ 4.0 mg/L

Utility Range _____ 1.2 mg/L

Results: (1 sample) 0.8 mg/L
0.5 mg/L

